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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/063,934	05/28/2002	Takayuki Sato	AT-0025US	7805

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EXAMINER

BHATIA, AJAY M

ART UNIT	PAPER NUMBER
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2145

DATE MAILED: 05/17/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/063,934

Applicant(s)

SATO, TAKAYUKI

Examiner

Ajay M. Bhatia

Art Unit

2145

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 28 May 2002.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-13 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-13 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 7/3/02.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

Claim Objections

The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

1. 35 U.S.C. 112, first paragraph, requires the specification to be written in "full, clear, concise, and exact terms." The specification is replete with terms which are not clear, concise and exact. The specification should be revised carefully in order to comply with 35 U.S.C. 112, first paragraph.
2. The disclosure is objected to under 37 CFR 1.71, as being so incomprehensible as to preclude a reasonable search of the prior art by the examiner. For example, the following items are not understood: The structure of the disclosed invention is incomprehensible because of the improper use of grammar and word order.

Applicant is required to submit an amendment which clarifies the disclosure so that the examiner may make a proper comparison of the invention with the prior art.

Applicant should be careful not to introduce any new matter into the disclosure (i.e., matter which is not supported by the disclosure as originally filed).

3. The title of the invention is not descriptive. A new title is required that is clearly indicative of the invention to which the claims are directed.

Claim Rejections - 35 USC § 112

The following is a quotation of the second paragraph of 35 U.S.C. 112:

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The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

4. Claims 1-23 rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

5. The claims are generally narrative and indefinite, failing to conform with current U.S. practice. They appear to be a literal translation into English from a foreign document and are replete with grammatical and idiomatic errors.

6. Claims 1-11 rejected under 35 U.S.C. 112, second paragraph, as being incomplete for omitting essential structural cooperative relationships of elements, such omission amounting to a gap between the necessary structural connections. See MPEP § 2172.01. The omitted structural cooperative relationships are: It is unclear which units are incorporated into a single unit and which units are connected.

Claim Rejections - 35 USC § 102

7. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

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(a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for a patent.

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

8. Claims 1-23 are rejected as best understood by the examiner under 35

U.S.C. 102(e) as being anticipated by Little et al. (U.S. Patent Publication 2004/0078727 referred to as Little).

9. For claim 1, Little teaches, a management apparatus for managing a communication device, comprising:

an identifying table storing unit operable to store an identifying table having an identifying condition for determining a type of said communication device, said identifying condition corresponding to a check method of a function of the communication device that satisfies said identifying condition;

an identifying unit connecting to the communication device and said identifying table storing unit and operable to determine whether or not the communication device satisfies said identifying condition; and

a check unit connecting to an output of said identifying unit and operable to determine the function of the communication device by using said check method that corresponds to said identifying condition if the communication device satisfies said identifying condition. (see Little, paragraphs 25,26,27,30,35)

10. For claim 2, Little teaches, a management apparatus as claimed in claim 1, further comprising a check table storing unit connecting to said check unit and operable to store a check table for each type of communication device, said check table having a check condition for determining the function of the communication device based upon a specified function corresponding to said check condition, said check table for each type of the communication device being specified by said check method stored in said identifying table storing unit, wherein if the communication device satisfies said identifying condition, and satisfies said check condition of said check table for each type of the communication device specified by said check method that corresponds to said satisfied identifying condition, said check unit determines that said communication device has said specified function corresponding to said check condition of said check table for each type of the communication device. (see Little, paragraphs 25,26,27,30,35)

11. For claim 3, Little teaches, a management apparatus as claimed in claim 1, further comprising:

a default check table storing unit connecting to said check unit and operable to store a default check table having a first check condition for determining the function of the communication device based upon a first specified function corresponding to said check condition; and

a check table storing unit connecting to said check unit and operable to store a check table for each type of communication device, said check table being specified by

said check method stored in said identifying table storing unit, said check table having a second check condition for determining the function of the communication device based upon a second specified function corresponding to said second check condition, wherein said check unit determines:

that, in a case where said communication device satisfies said first check condition of said default check table, said communication device has said first specified function corresponding to said first check condition of said default check table, and that, in a case where said communication device satisfies said identifying condition stored in said identifying table, and satisfies said second check condition of said check table for each type of the communication device specified by said check method that corresponds to said satisfied identifying condition, the communication device has said second specified function corresponding to said second check condition of said check table for said each type of communication device. (see Little, paragraphs 6, 8, 9, and 29,35,38,40)

12. For claim 4, Little teaches, a management apparatus as claimed in claim 1, wherein said identifying table storing unit stores a monitoring method for monitoring a status of said communication device satisfying said identifying condition, said monitoring method corresponding to said identifying condition, and the management apparatus further comprising a monitoring unit operable to monitor said status of said communication device by using said monitoring method corresponding to said

identifying condition, in a case where the communication device satisfies said identifying condition. (see Little, paragraphs 60,61,63)

13. For claim 5, Little teaches, a management apparatus as claimed in claim 1, further comprising a specifying unit operable to make a user of said management apparatus specify an address of the communication device and to make said identifying unit and said check unit determine said type and said function of the specified communication device, respectively. (see Little, paragraphs 25,26,27,30,35,65, specify and address is an inherent feature of pushing information)

14. For claim 6, Little teaches, a management apparatus as claimed in claim 1, further comprising:

a communication device displaying controller operable to display the communication device on a display of said management apparatus with an image corresponding to said type determined by said identifying unit; and

a function displaying controller operable to show said function of said communication device determined by said check unit, in a case where a user of said management apparatus made a predetermined operation with respect to said image. (see Little, paragraphs 33, 43,51)

15. For claim 7, Little teaches, a management apparatus as claimed in claim 1, wherein said identifying table has a plurality of sets including respective combinations of

identifying conditions for determining the type of communication device and check methods for determining said function of said communication device based upon satisfying a corresponding identifying condition, and said identifying unit determines which one of said identifying conditions is satisfied by said communication device based on predetermined priorities of each said plurality of sets. (see Little, paragraphs 6, 8, 9, 29,35,38,40)

16. For claim 8, Little teaches, a management apparatus as claimed in claim 7, further comprising:

an input unit allowing a user of the management apparatus to input said plurality of sets to be registered in said identifying table;

a registration unit connecting to said input unit and operable to register said plurality of sets, input via said input unit, in said identifying table; and

a priority setting unit connecting to said identifying table storing unit and said registration unit, and operable to set said priorities for each said plurality of sets registered in said identifying table based on said respective identifying conditions of said plurality of sets. (see Little, paragraphs 25,26,27,30,35,64,65)

17. For claim 9, Little teaches, a management apparatus as claimed in claim 8, wherein, in a case where a first identifying condition of said identifying conditions is included in a second identifying condition of the identifying conditions, said priority setting unit sets said priorities such that a set corresponding to said first identifying

condition has a higher priority than a priority of a set corresponding to said second identifying condition. (see Little, paragraphs 6, 8, 9, 29,35,38,40)

18. For claim 10, Little teaches, a management apparatus as claimed in claim 8, wherein said management apparatus manages a plurality of communication devices, and said priority setting unit sets said priorities such that a set corresponding to one of said identifying conditions has a higher priority as a number of said plurality of communication devices satisfying said one identifying condition is smaller. (see Little, paragraphs 6, 8, 9, 29,35,38,40)

19. For claim 11, Little teaches, a management apparatus for managing a communication device, comprising:

an identifying table storing unit operable to store an identifying table having an identifying condition for determining a type of the communication device, said identifying condition corresponding to a monitoring method for monitoring a status of the communication device satisfying said identifying condition;

an identifying unit connecting to said identifying table and operable to determine whether or not the communication device satisfies said identifying condition; and

a monitoring unit operable to monitor said status of the communication device by using said monitoring method corresponding to said identifying condition, in a case where the communication device satisfies said identifying condition. (see Little, paragraphs 25,26,27,30,35)

20. For claim 12, Little teaches, a computer-readable medium which stores therein a program for use with a management apparatus for managing a communication device, said program comprising:

an identifying table storing unit operable to store an identifying table having an identifying condition for determining a type of said communication device, said identifying condition corresponding to a check method for determining a function of said communication device that satisfies said identifying condition;

an identifying unit operable to determine whether or not said communication device satisfies said identifying condition; and

a check unit operable to determine said function of said communication device by using said check method corresponding to said identifying condition, in a case where said communication device satisfies said identifying condition. (see Little, paragraphs 25,26,27,30,35)

21. For claim 13, Little teaches, a computer-readable medium which stores therein a program for use with a management apparatus for managing a communication device, said program comprising:

an identifying table storing unit operable to store an identifying table having an identifying condition for determining a type of said communication device, said identifying condition corresponding to a monitoring method for monitoring a status of said communication device satisfying said identifying condition;

an identifying unit operable to determine whether or not said communication device satisfies said identifying condition; and

a monitoring unit operable to monitor said status of said communication device by using said monitoring method corresponding to said identifying condition, in a case where said communication device satisfies said identifying condition. (see Little, paragraphs 25,26,27,30,35)

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. See attached UPSTO 892.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ajay M Bhatia whose telephone number is (571)-272-3906. The examiner can normally be reached on M-F 8:30 am - 5:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Valencia M Wallace can be reached on (571)-272-6159. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.


VALENCIA MARTIN-WALLACE
SUPERVISORY PATENT EXAMINER

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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